

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119681.D
 Acq On : 1 Apr 2020 18:09
 Operator : MA/SJ
 Sample : L2068-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-658

Quant Time: Apr 02 00:08:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

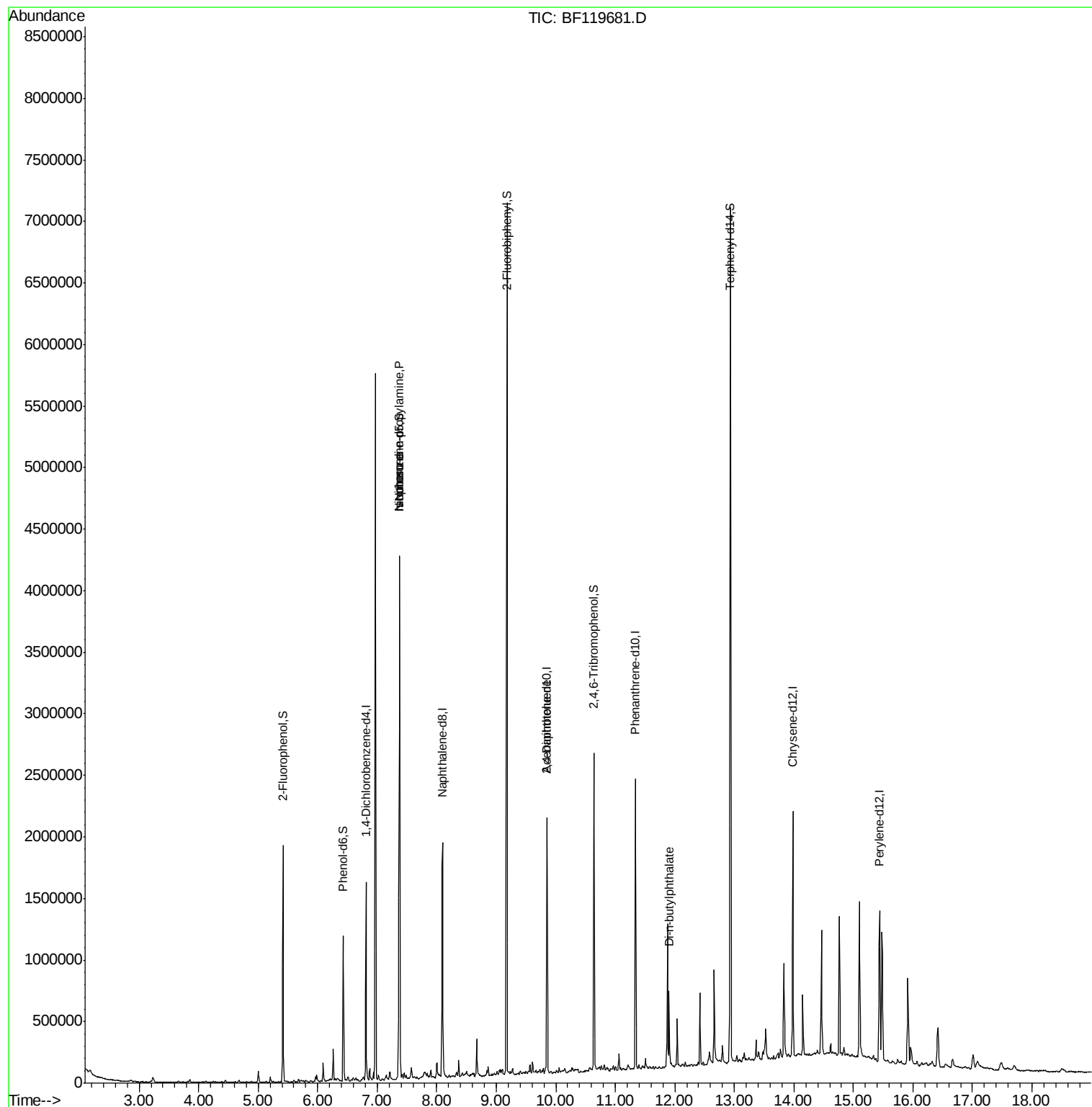
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	220253	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	835547	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	427463	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	855597	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	665944	20.00	ng	-0.02
87) Perylene-d12	15.44	264	558622	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	454262	32.83	ng	0.00
7) Phenol-d6	6.43	99	364808	20.64	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1380266	89.78	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	301300	68.32	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2493157	86.41	ng	0.00
79) Terphenyl-d14	12.93	244	2845084	83.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	183316	17.21	ng	# 77
25) Isophorone	7.37	82	1376434	44.14	ng	# 65
57) 2,4-Dinitrotoluene	9.85	165	55733	6.80	ng	# 20
74) Di-n-butylphthalate	11.90	149	290970	6.09	ng	99

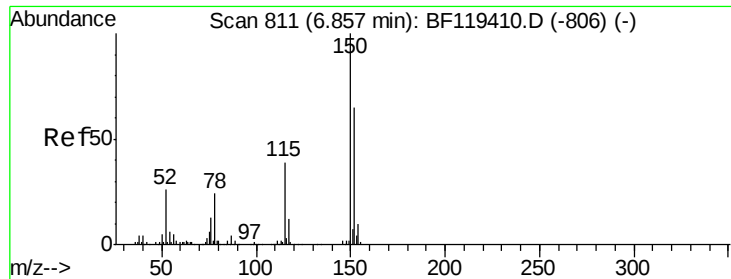
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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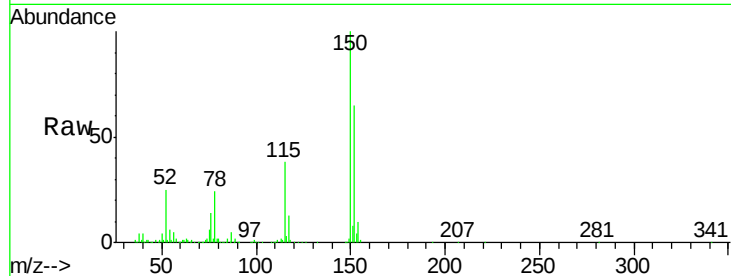


#1

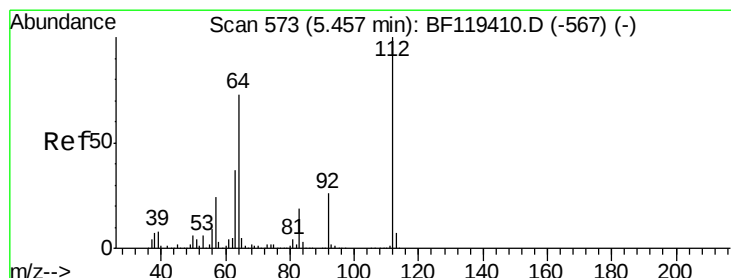
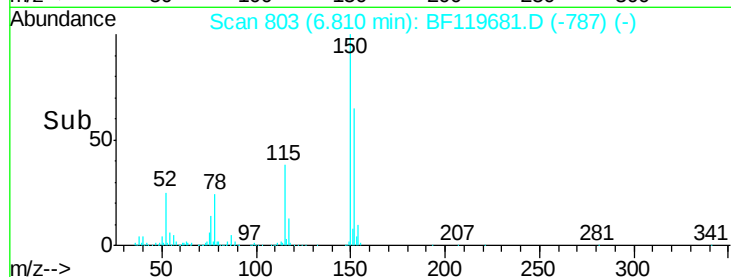
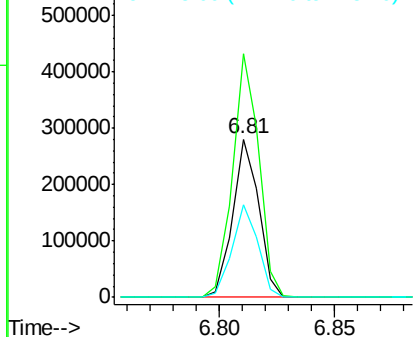
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Instrument :
BNA_F
ClientSampleId :
TI-658

Tgt Ion:152 Resp: 220253
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 58.4 49.6 74.4



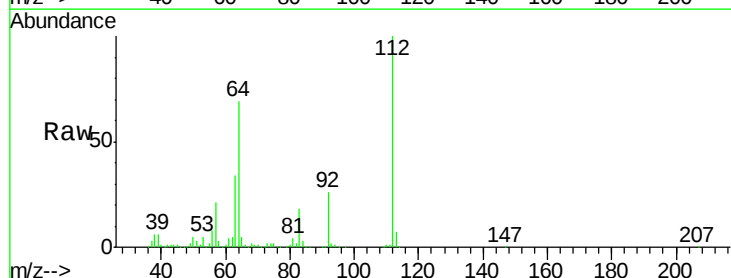
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



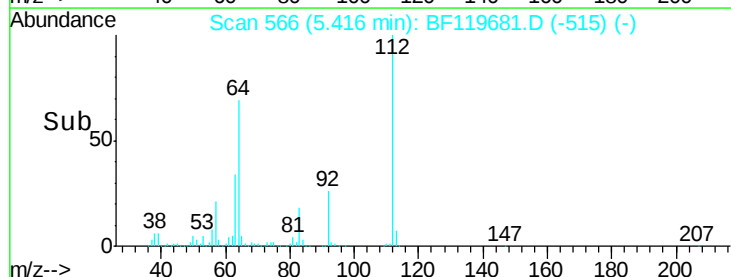
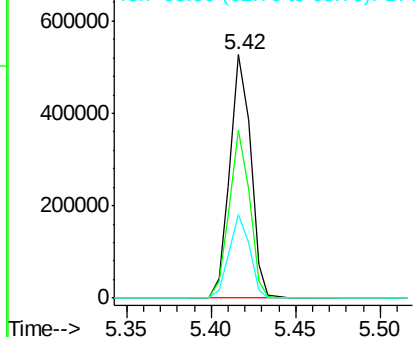
#5

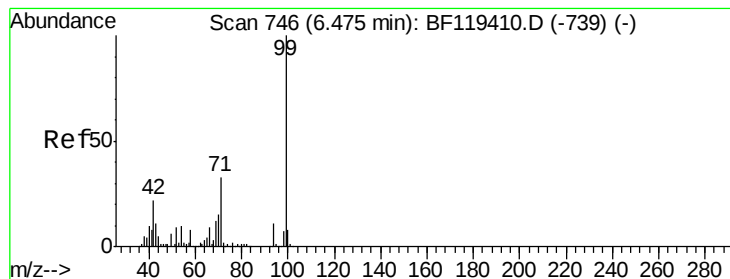
2-Fluorophenol
Concen: 32.83 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Tgt Ion:112 Resp: 454262
Ion Ratio Lower Upper
112 100
64 68.9 56.7 85.1
63 34.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 20.64 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Instrument :

BNA_F

ClientSampled :

TI-658

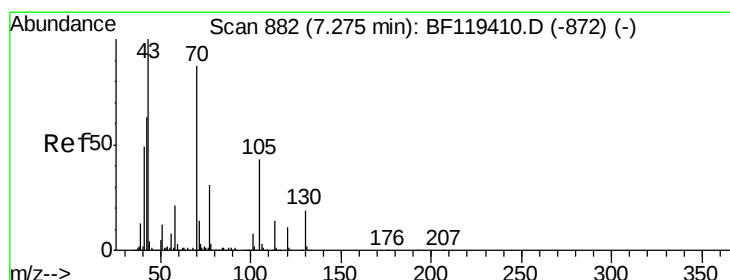
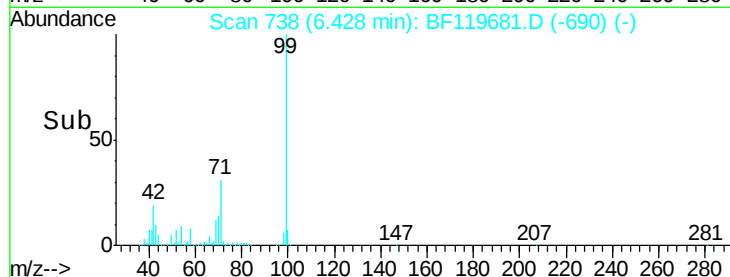
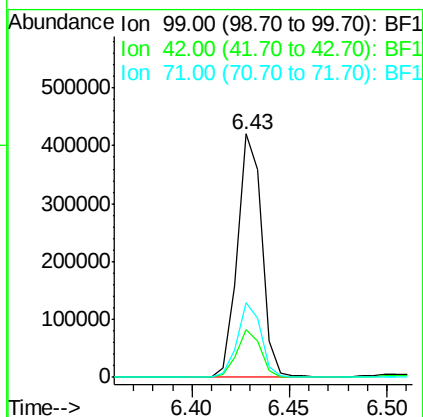
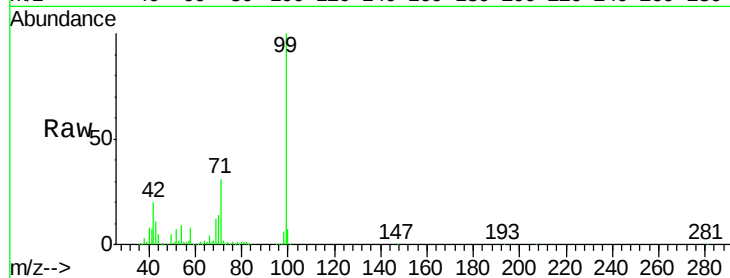
Tgt Ion: 99 Resp: 364808

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 30.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.21 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Tgt Ion: 70 Resp: 183316

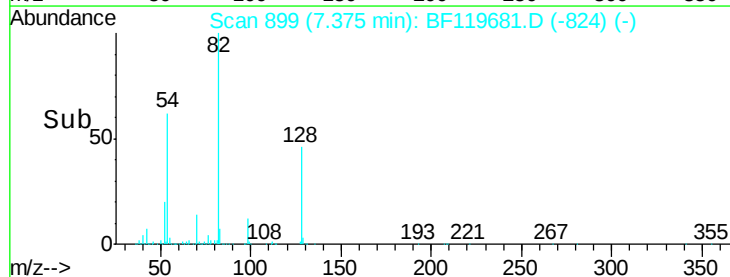
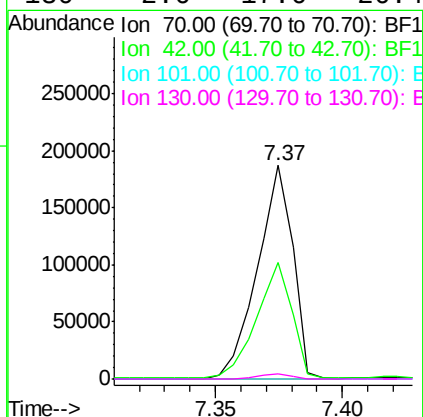
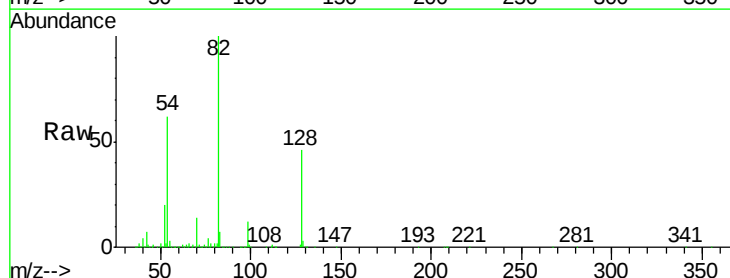
Ion Ratio Lower Upper

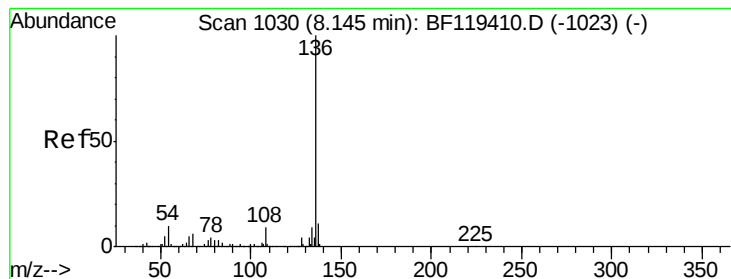
70 100

42 54.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.6 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Instrument :

BNA_F

ClientSampleId :

TI-658

Tgt Ion:136 Resp: 835547

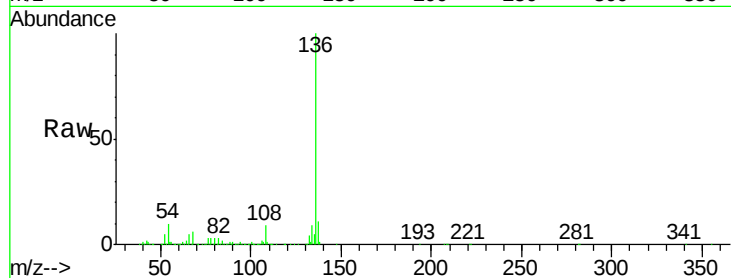
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.5 9.1 13.7

68 5.8 4.6 6.8

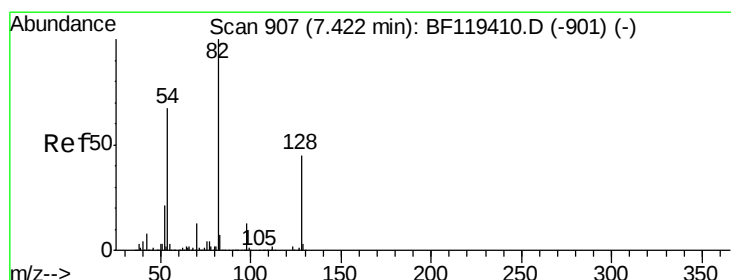
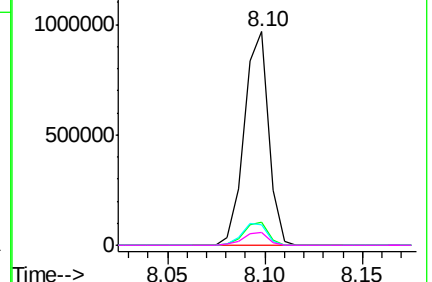
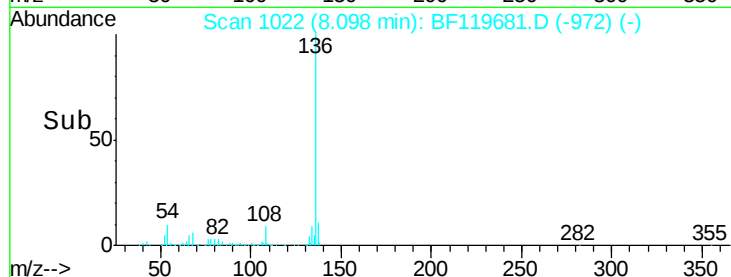


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 89.78 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

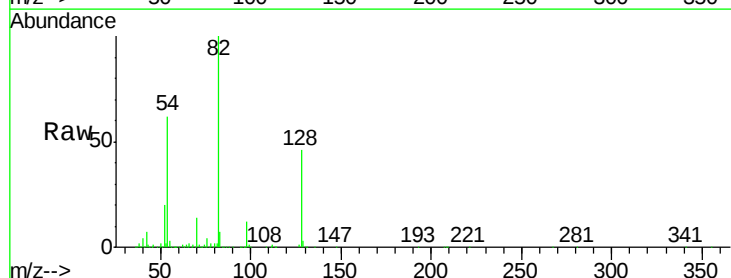
Tgt Ion: 82 Resp: 1380266

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

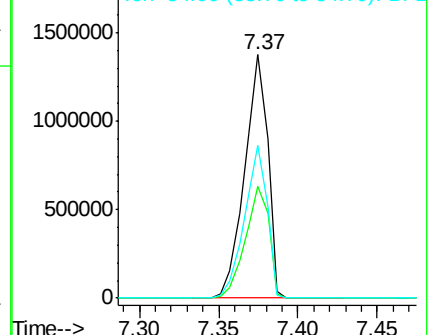
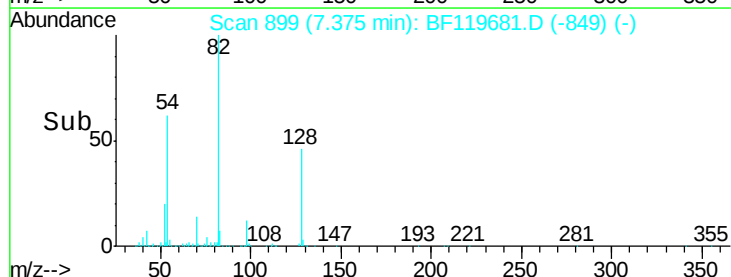
54 62.5 50.6 75.8

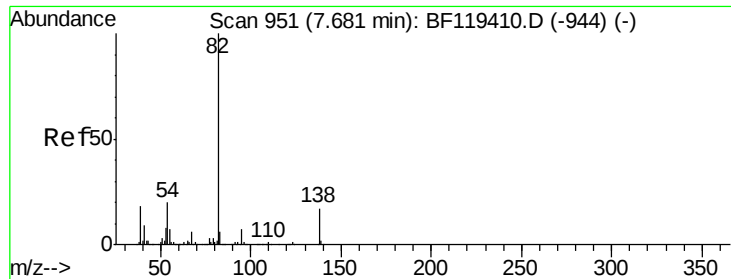


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.14 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Instrument :

BNA_F

ClientSampleId :

TI-658

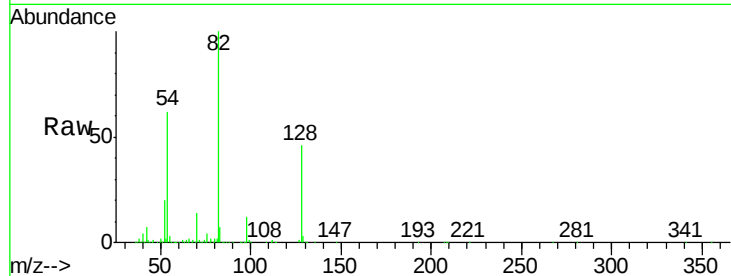
Tgt Ion: 82 Resp: 1376434

Ion Ratio Lower Upper

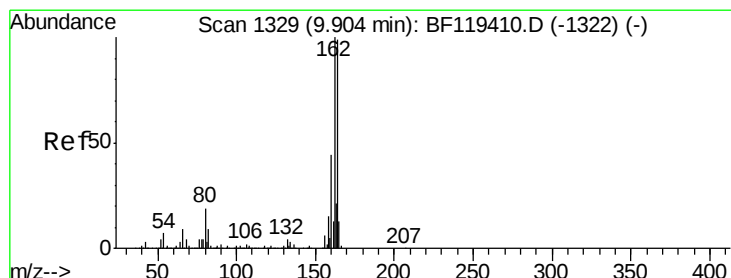
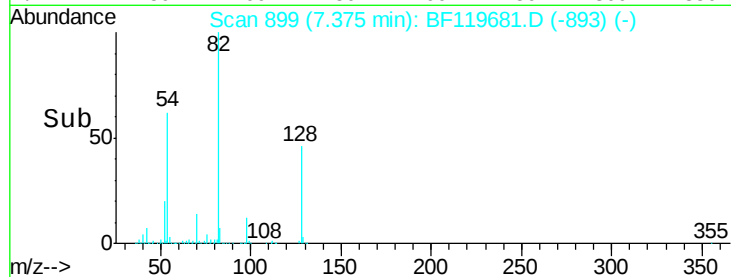
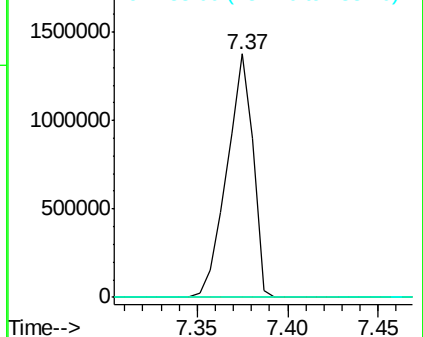
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

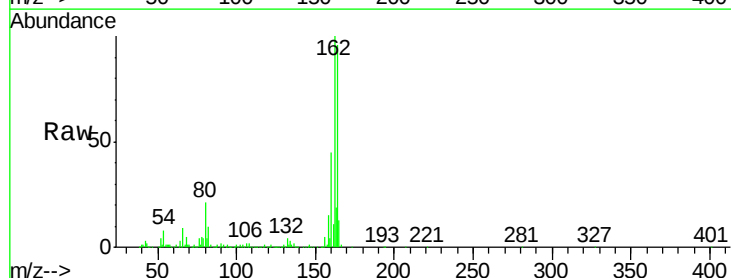
Tgt Ion: 164 Resp: 427463

Ion Ratio Lower Upper

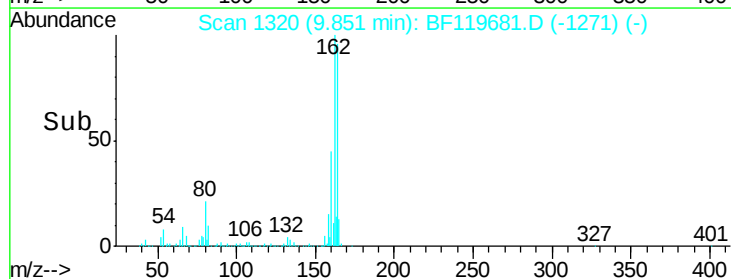
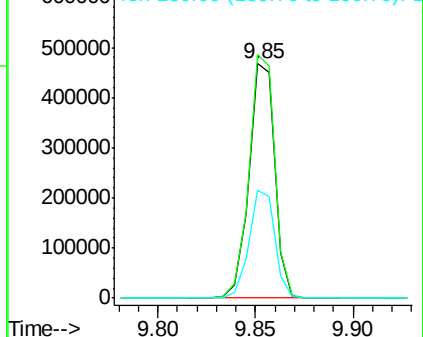
164 100

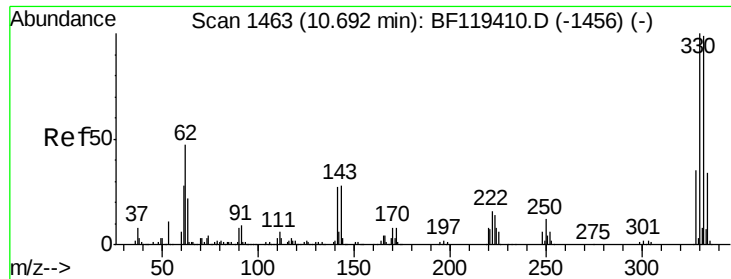
162 103.8 80.6 121.0

160 46.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

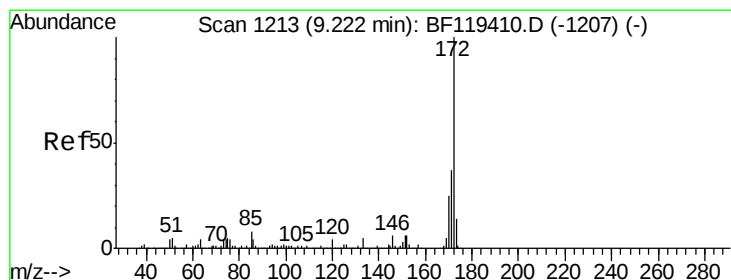
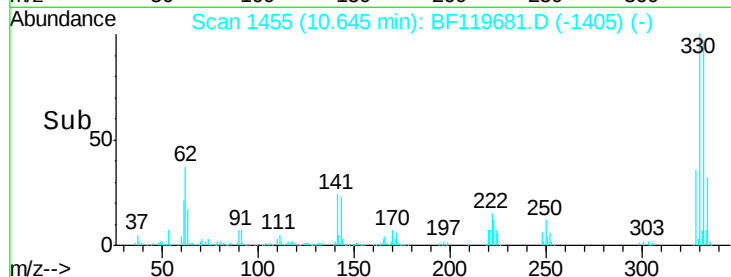
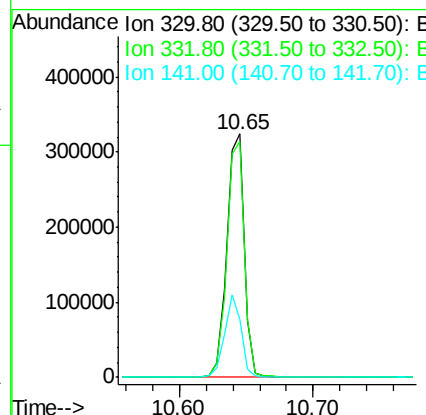
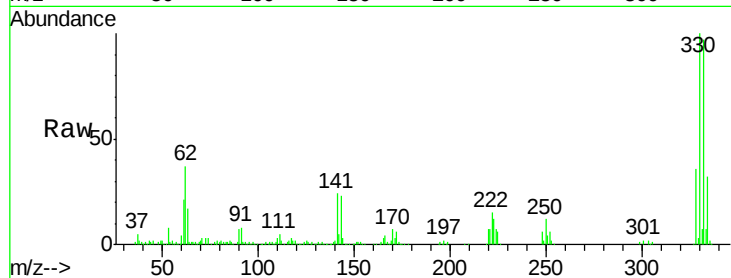




#42
 2,4,6-Tribromophenol
 Concen: 68.32 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119681.D
 Acq: 1 Apr 2020 18:09

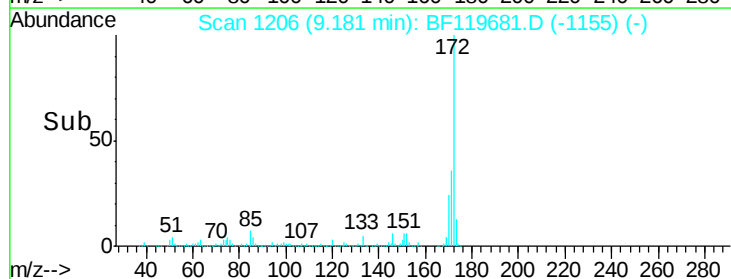
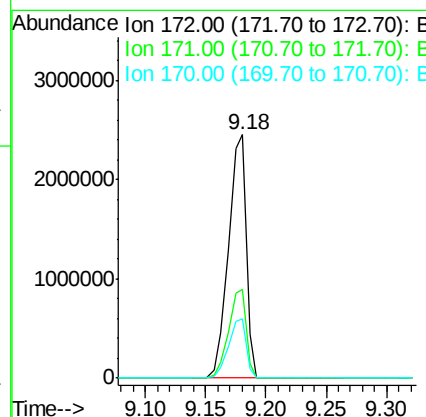
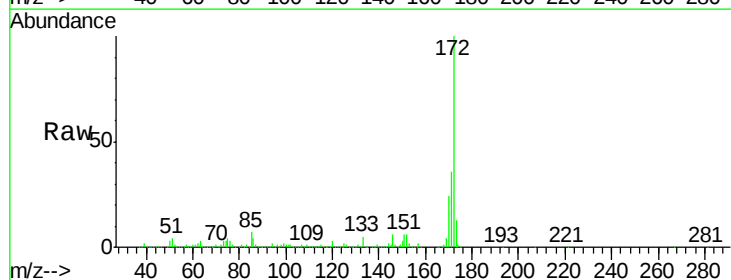
Instrument :
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 TI-658

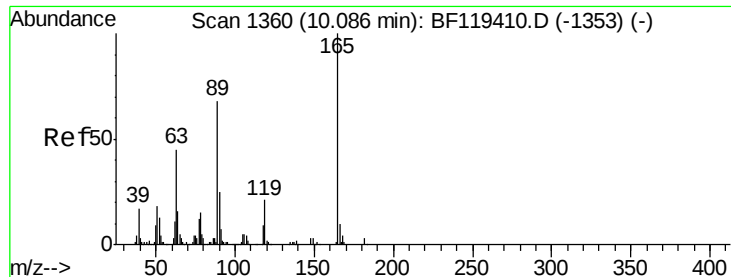
Tgt Ion:330 Resp: 301300
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.7 113.5
 141 31.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119681.D
 Acq: 1 Apr 2020 18:09

Tgt Ion:172 Resp: 2493157
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 20.2 30.2

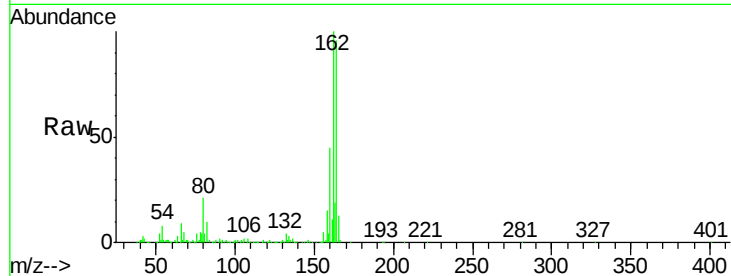




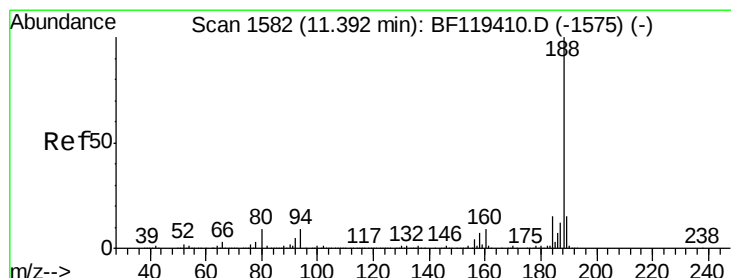
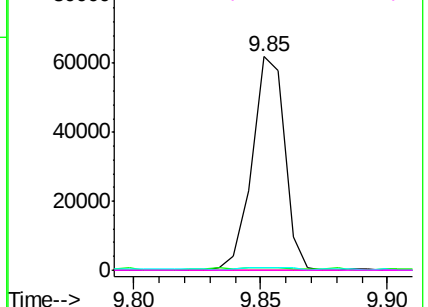
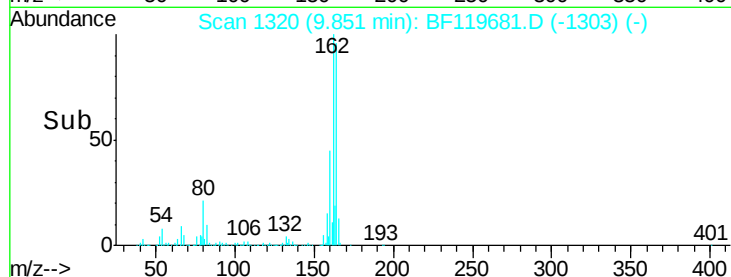
#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.20 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Instrument :
BNA_F
ClientSampleId :
TI-658

Tgt Ion:165 Resp: 55733
Ion Ratio Lower Upper
165 100
63 1.5 42.6 64.0#
89 1.3 61.0 91.4#
182 0.0 2.2 3.2#

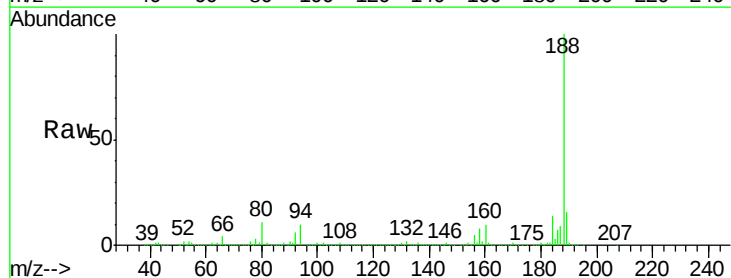


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

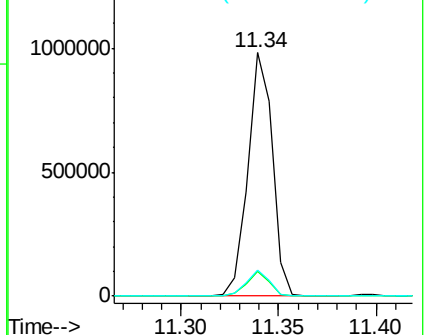
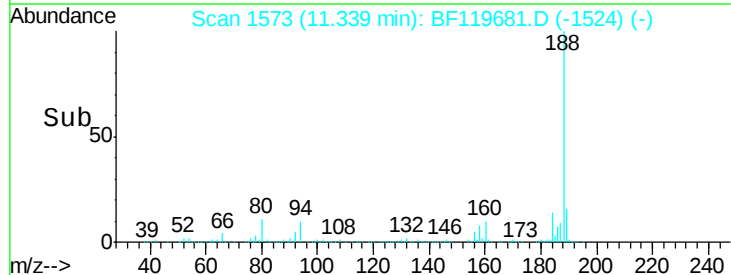


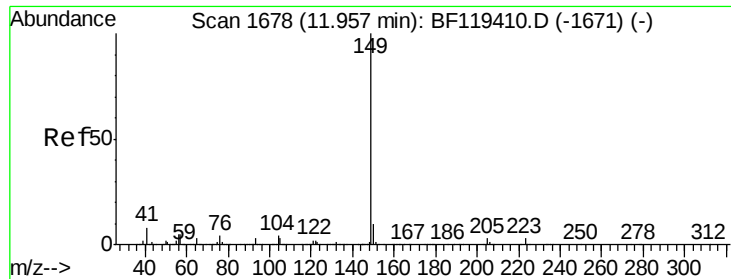
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119681.D
Acq: 1 Apr 2020 18:09

Tgt Ion:188 Resp: 855597
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.6 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Di-n-butylphthalate

Concen: 6.09 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Instrument :

BNA_F

ClientSampleId :

TI-658

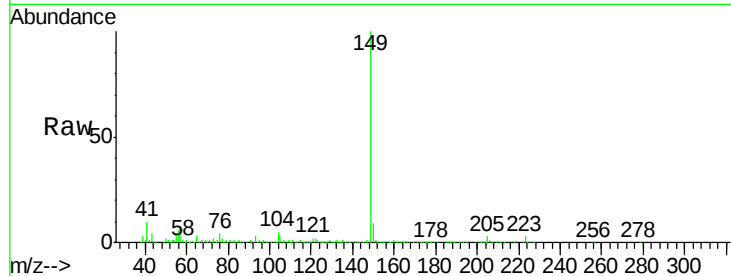
Tgt Ion:149 Resp: 290970

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

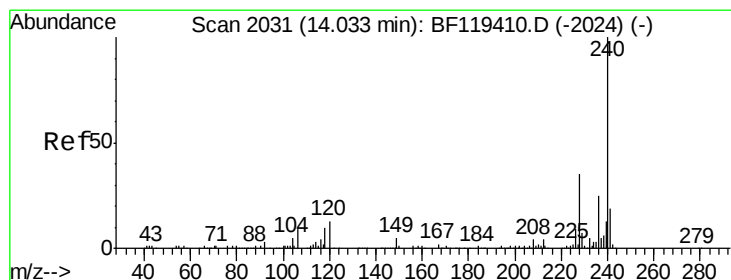
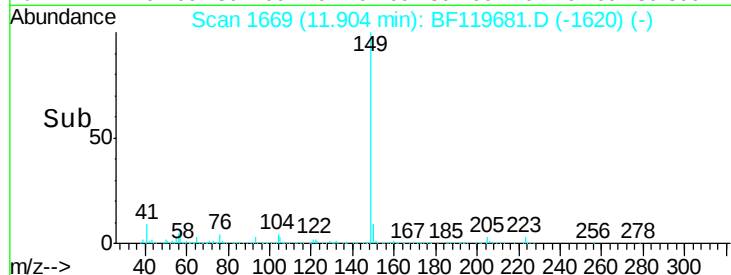
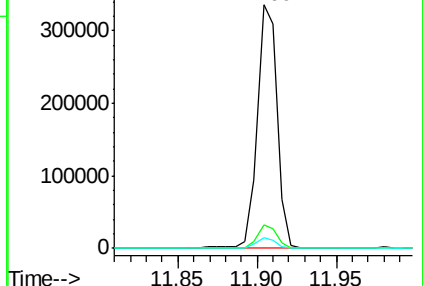
104 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

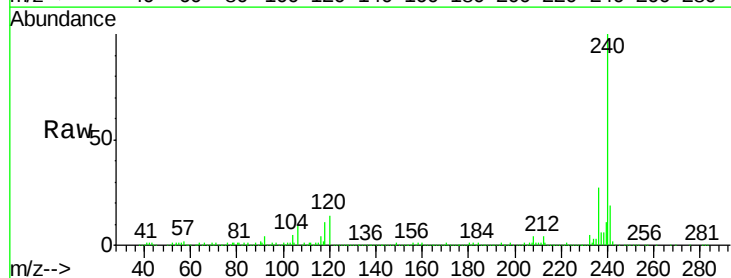
Tgt Ion:240 Resp: 665944

Ion Ratio Lower Upper

240 100

120 13.7 10.6 15.8

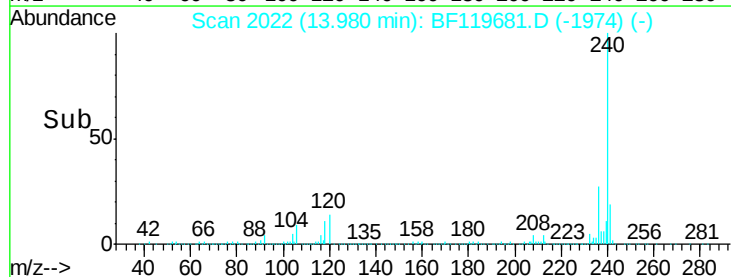
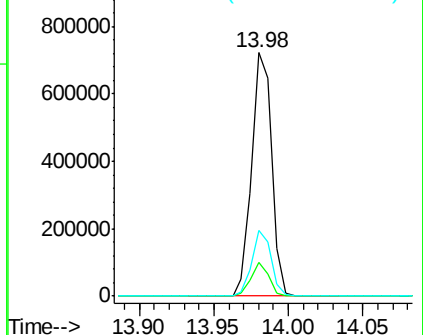
236 27.0 20.2 30.2

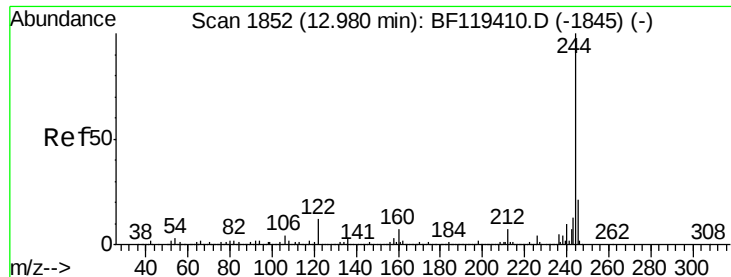


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.70 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

Instrument :

BNA_F

ClientSampleId :

TI-658

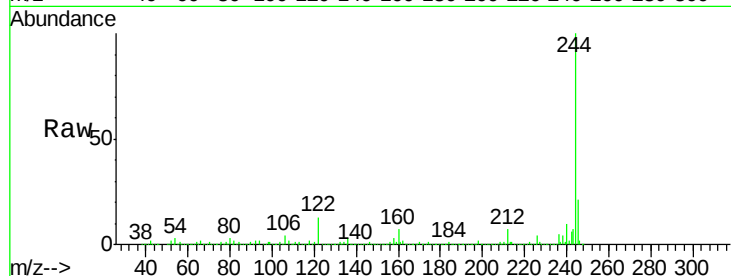
Tgt Ion:244 Resp: 2845084

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

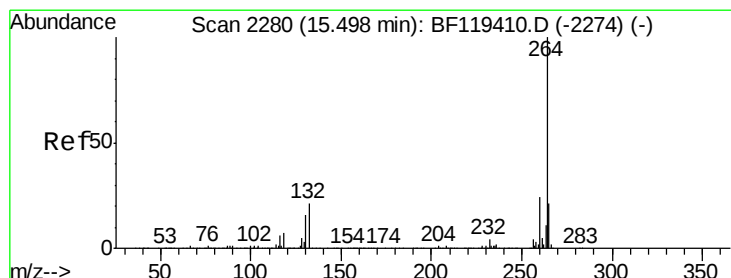
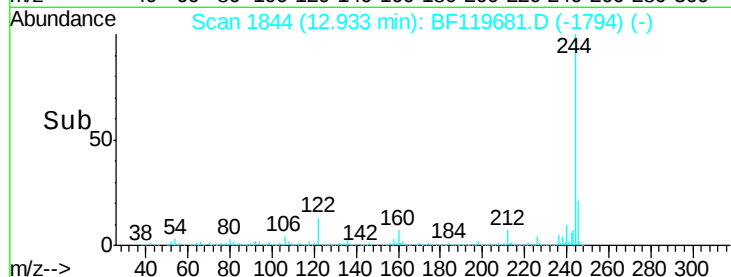
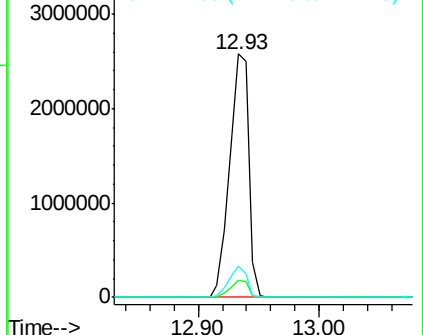
122 12.8 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119681.D

Acq: 1 Apr 2020 18:09

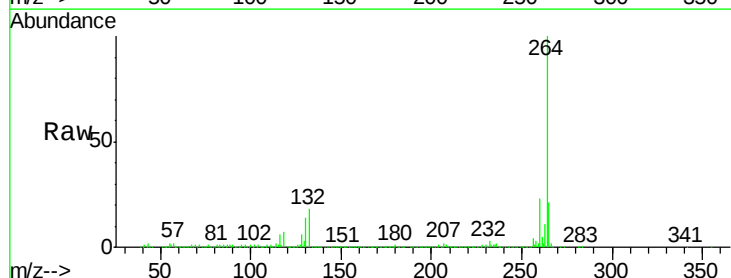
Tgt Ion:264 Resp: 558622

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

